

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
 Data File : BM013809.D
 Acq On : 25 Jan 2018 17:13
 Operator : SJ/JU
 Sample : J1243-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6B27

Quant Time: Jan 26 00:48:01 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 26 00:22:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	123802	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	444205	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	246579	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	557471	20.00	ng/ul	0.00
75) Chrysene-d12	21.20	240	571918	20.00	ng/ul	0.00
83) Perylene-d12	23.40	264	555200	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	12201	3.90	ng/uL	0.00
5) Phenol-d5	6.78	99	238357	25.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	151442	26.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	213958	27.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	198665	27.19	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	102441	29.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	111489	30.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	202074	28.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	219013	35.88	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	598089	29.43	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	755745	29.16	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	75525	22.87	ng/ul	0.00
57) Fluorene-d10	15.24	176	504434	28.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	74617	22.24	ng/ul	0.00
70) Anthracene-d10	17.10	188	781055	28.76	ng/ul	0.00
76) Pyrene-d10	19.40	212	862246	32.38	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.26	264	776192	30.42	ng/ul	0.00

Target Compounds

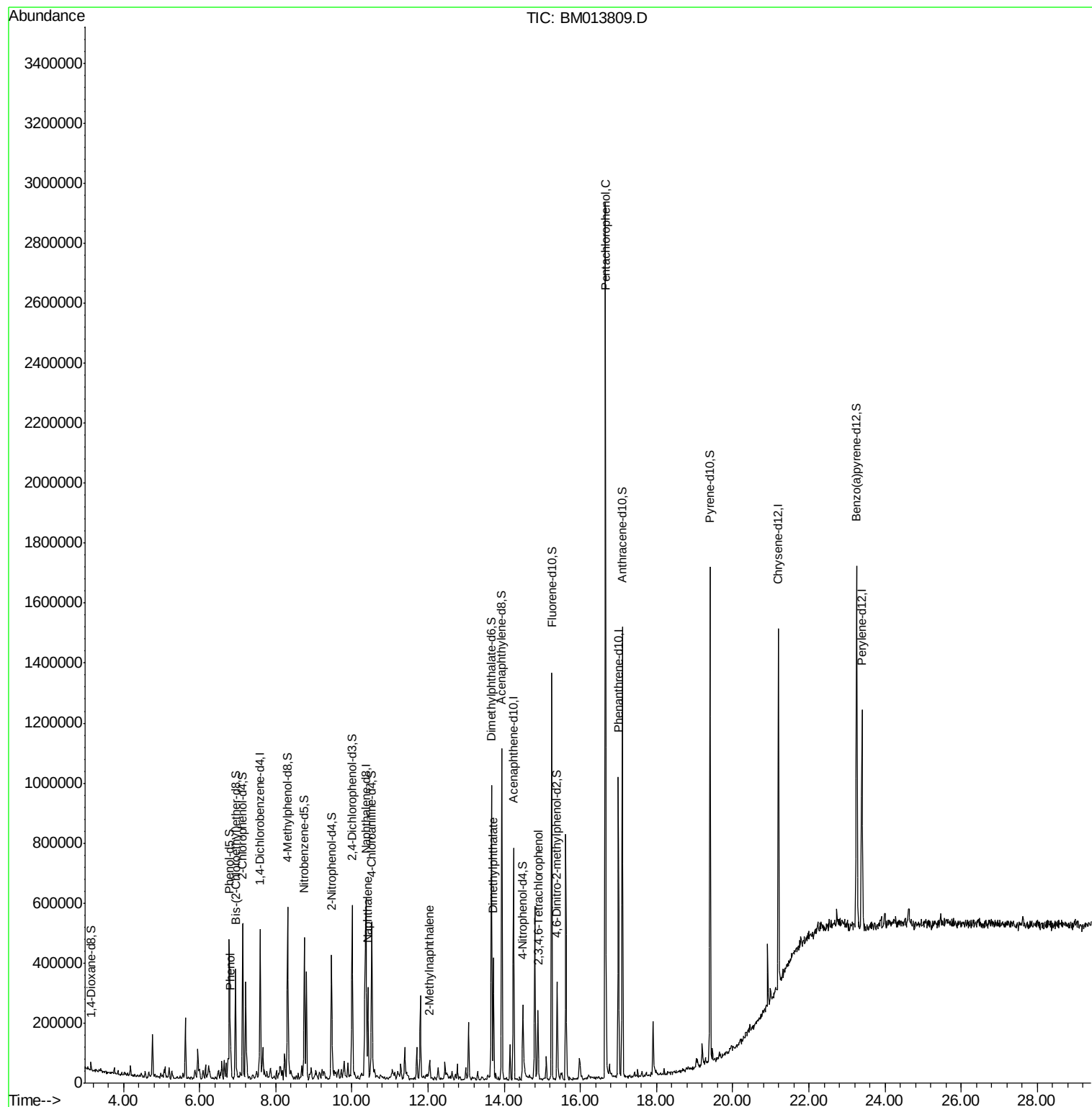
					Ovalue
6) Phenol	6.81	94	33121	3.474	ng/ul 96
28) Naphthalene	10.42	128	218940	9.907	ng/ul 98
34) 2-Methylnaphthalene	12.05	142	27810	1.688	ng/ul 97
44) Dimethylphthalate	13.72	163	234242	11.723	ng/ul 99
55) 2,3,4,6-Tetrachlorophenol	14.89	232	44154	8.530	ng/ul# 90
68) Pentachlorophenol	16.66	266	478000	126.918	ng/ul 97

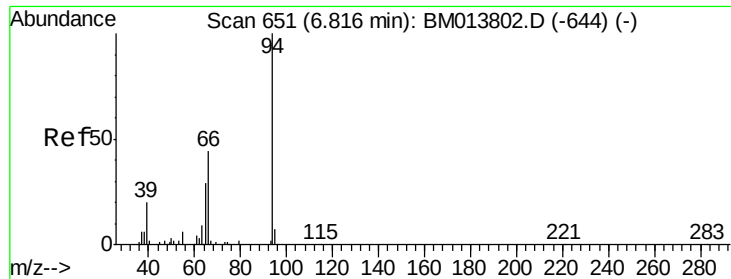
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.474 ng/ul

RT: 6.81 min Scan# 650

Delta R.T. -0.01 min

Lab File: BM013809.D

Acq: 25 Jan 2018 17:13

Instrument :

BNA_M

ClientSampleId :

F6B27

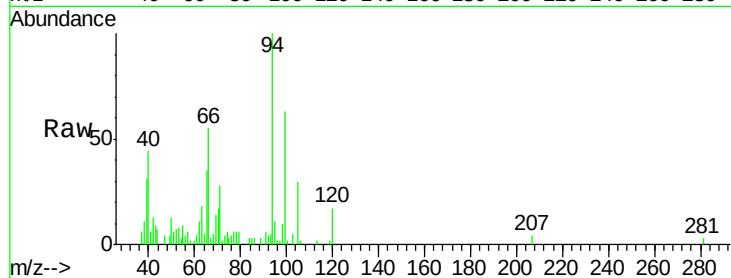
Tot Ion: 94 Resp: 33121

Ion Ratio Lower Upper

94 100

65 35.2 28.2 42.4

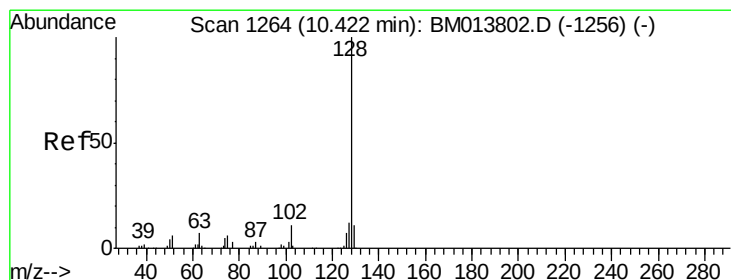
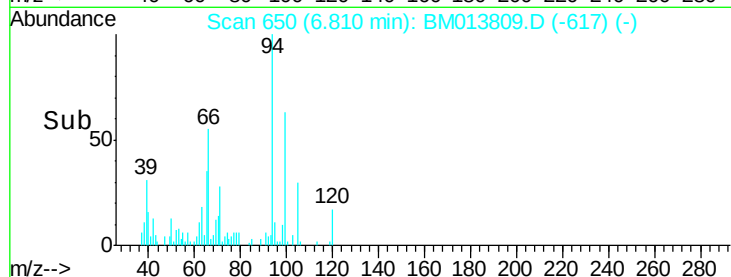
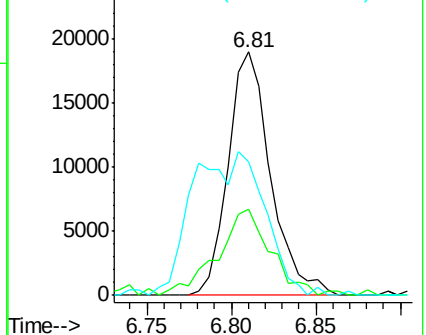
66 54.9 47.2 70.8



Abundance Ion 94.00 (93.70 to 94.70): BM013802.D (-644) (-)

Ion 65.00 (64.70 to 65.70): BM013802.D (-644) (-)

Ion 66.00 (65.70 to 66.70): BM013802.D (-644) (-)



#28

Naphthalene

Concen: 9.907 ng/ul

RT: 10.42 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BM013809.D

Acq: 25 Jan 2018 17:13

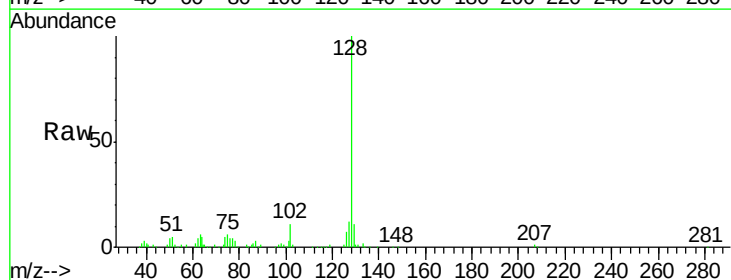
Tgt Ion: 128 Resp: 218940

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

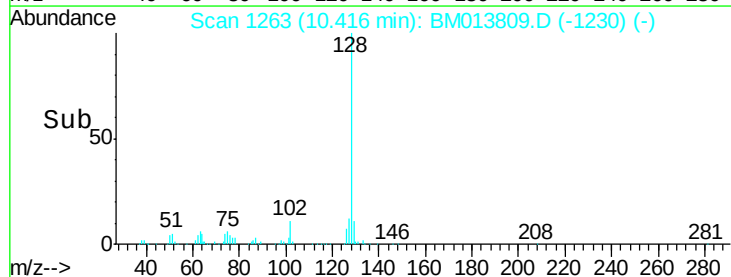
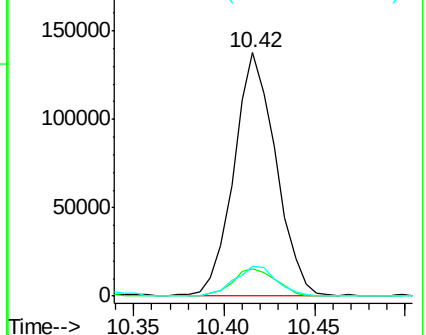
127 12.2 10.6 16.0

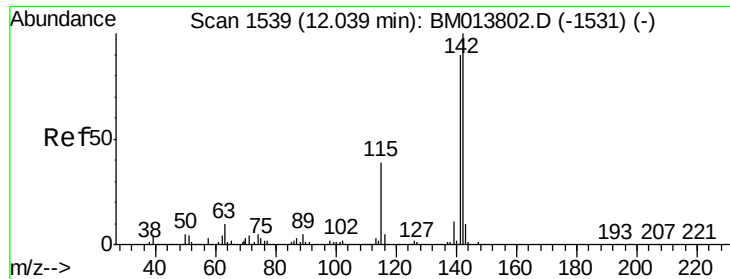


Abundance Ion 128.00 (127.70 to 128.70): BM013802.D (-1256) (-)

Ion 129.00 (128.70 to 129.70): BM013802.D (-1256) (-)

Ion 127.00 (126.70 to 127.70): BM013802.D (-1256) (-)

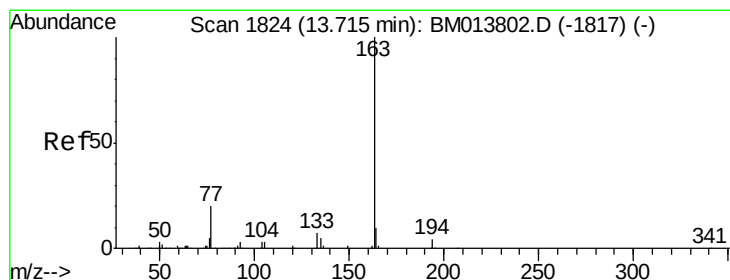
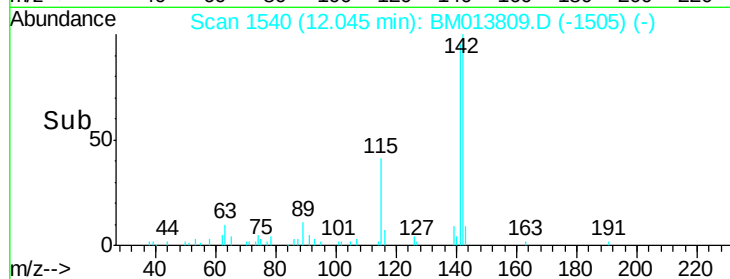
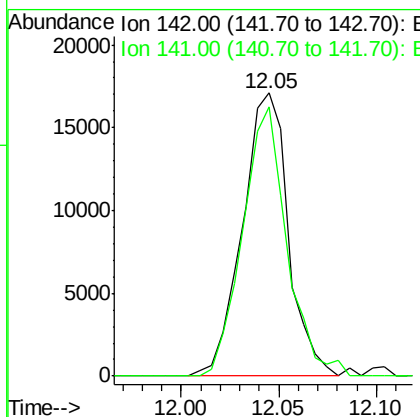
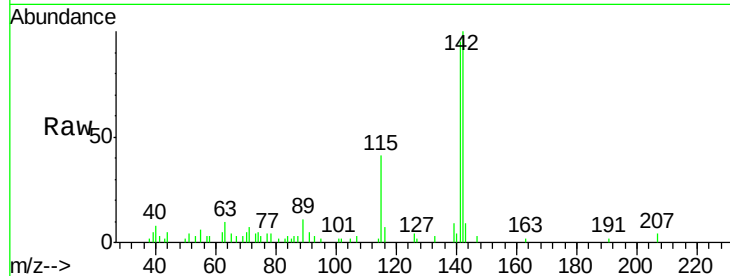




#34
2-Methylnaphthalene
Concen: 1.688 ng/ul
RT: 12.05 min Scan# 1540
Delta R.T. 0.01 min
Lab File: BM013809.D
Acq: 25 Jan 2018 17:13

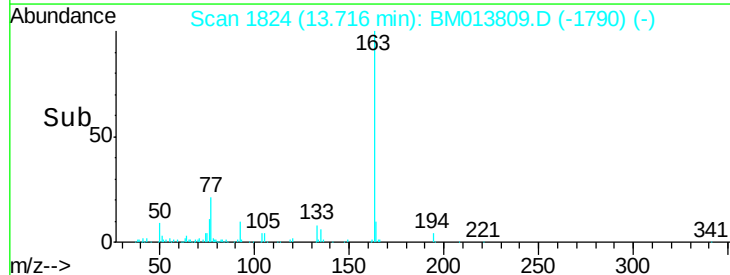
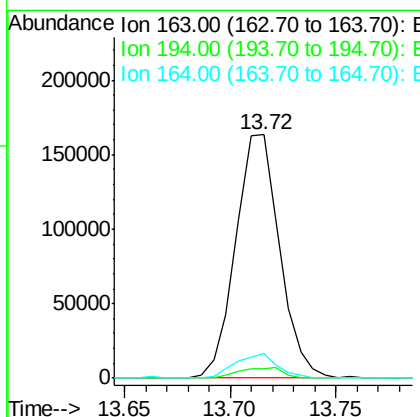
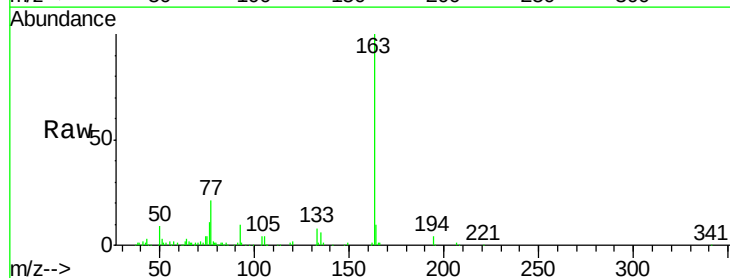
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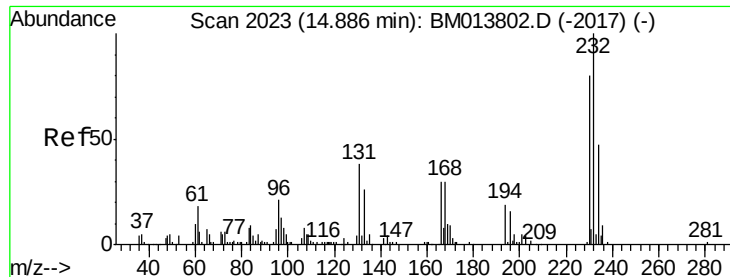
Tot Ion:142 Resp: 27810
Ion Ratio Lower Upper
142 100
141 95.3 74.1 111.1



#44
Dimethylphthalate
Concen: 11.723 ng/ul
RT: 13.72 min Scan# 1824
Delta R.T. 0.00 min
Lab File: BM013809.D
Acq: 25 Jan 2018 17:13

Tgt Ion:163 Resp: 234242
Ion Ratio Lower Upper
163 100
194 3.8 3.5 5.3
164 10.0 8.2 12.4

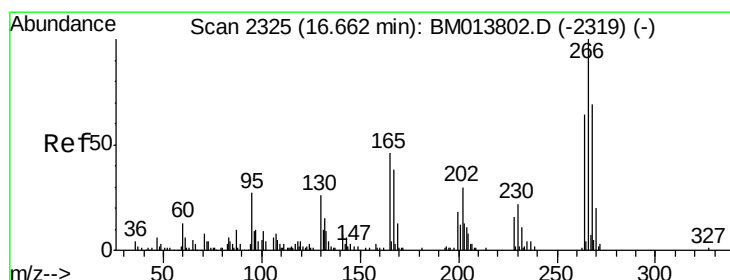
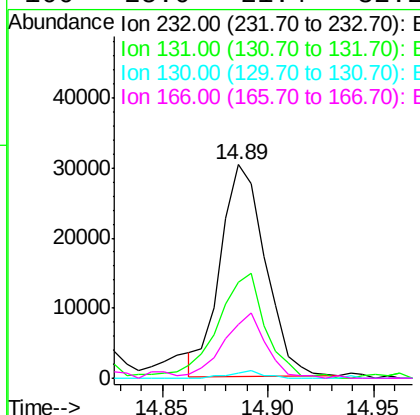
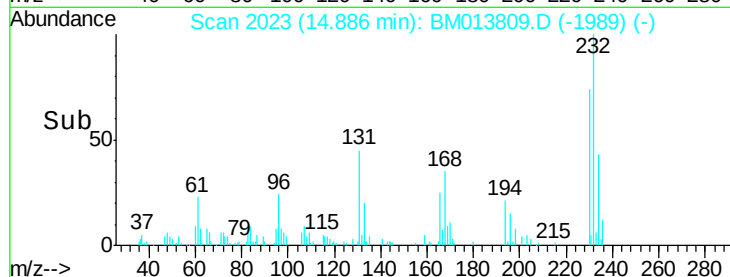
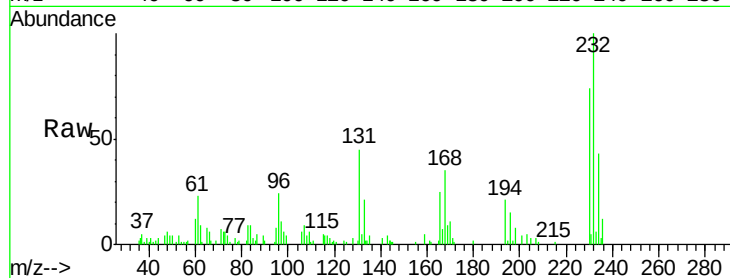




#55
 2,3,4,6-Tetrachlorophenol
 Concen: 8.530 ng/ul
 RT: 14.89 min Scan# 2023
 Delta R.T. 0.00 min
 Lab File: BM013809.D
 Acq: 25 Jan 2018 17:13

Instrument :
 BNA_M
 ClientSampleId :
 F6B27

Tot Ion:	232	Resp:	44154
Ion	Ratio	Lower	Upper
232	100		
131	44.8	29.0	43.4#
130	2.2	2.0	3.0
166	25.0	21.4	32.2



#68
 Pentachlorophenol
 Concen: 126.918 ng/ul
 RT: 16.66 min Scan# 2324
 Delta R.T. -0.01 min
 Lab File: BM013809.D
 Acq: 25 Jan 2018 17:13

Tgt Ion:	266	Resp:	478000
Ion	Ratio	Lower	Upper
266	100		
264	64.9	49.3	73.9
268	66.9	52.6	78.8

